IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A ~~carrier~~ computer accessible memory medium comprising program instructions executable by a processor to:

receive a request for information regarding an interface of a graphical program;

programmatically determine the information regarding the interface of the graphical program, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

return the information regarding the interface of the graphical program.

2. (Cancelled).

3. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein said programmatically determining the information regarding the interface of the graphical program comprises programmatically determining information regarding one or more parameters for invoking the graphical program; and

wherein said returning the information regarding the interface of the graphical program comprises returning the information regarding the one or more parameters for invoking the graphical program.

4. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 3,

wherein said programmatically determining the information regarding the one or more parameters for invoking the graphical program comprises programmatically

determining data types of the one or more parameters for invoking the graphical program; and

wherein said returning the information regarding the one or more parameters for invoking the graphical program comprises returning information specifying the data types of the one or more parameters for invoking the graphical program.

5. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 4, further comprising program instructions executable by a processor to:

generate data describing the data types of the parameters for invoking the graphical program;

wherein said returning the information specifying the data types of the parameters for invoking the graphical program comprises returning the data describing the data types.

6. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 5,

wherein said generating the data describing the data types of the parameters for invoking the graphical program comprises generating XML data describing the data types of the parameters for invoking the graphical program.

7. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 3,

wherein said programmatically determining the information regarding the one or more parameters for invoking the graphical program comprises programmatically determining default values of one or more of the parameters; and

wherein said returning the information regarding the one or more parameters for invoking the graphical program comprises returning information specifying the default values.

8. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein said programmatically determining the information regarding the interface of the graphical program comprises programmatically analyzing one or more data structures representing the graphical program to determine the information regarding the interface of the graphical program.

9. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

10. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein the graphical program comprises a graphical data flow program.

11. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein the graphical program comprises a block diagram portion and a user interface portion.

12. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein said receiving the request for information regarding the interface of the graphical program comprises receiving an invocation of one of a method or a function.

13. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 1,

wherein said receiving the request for information regarding the interface of the graphical program comprises receiving a message requesting the information regarding the interface of the graphical program.

14. (Cancelled).

15. (Currently Amended) A ~~carrier~~ computer accessible memory medium comprising program instructions executable by a processor to:

programmatically request information regarding an interface of a graphical program;

receive information regarding the interface of the graphical program in response to the request, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

invoke execution of the graphical program according to the received information regarding the interface of the graphical program.

16. (Cancelled).

17. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 15,

wherein said receiving the information regarding the interface of the graphical program comprises receiving information regarding one or more parameters for invoking the graphical program; and

wherein said invoking execution of the graphical program according to the received information comprises invoking execution of the graphical program with the one or more parameters.

18. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 17,

wherein said receiving the information regarding the one or more parameters for invoking the graphical program comprises receiving information specifying data types of the one or more parameters for invoking the graphical program; and

wherein said invoking execution of the graphical program with the one or more parameters comprises passing one or more parameters having data types specified by the information.

19. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 17,

wherein said receiving the information regarding the one or more parameters for invoking the graphical program comprises receiving information specifying default values of one or more of the parameters for invoking the graphical program; and

wherein said invoking execution of the graphical program with the one or more parameters comprises passing one or more parameters having default values specified by the information.

20. (Currently Amended) The ~~carrier~~ computer accessible memory medium of claim 15,

wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

21. (Currently Amended) The ~~carrier~~ <u>computer accessible memory</u> medium of claim 15,

wherein the graphical program comprises a graphical data flow program.

22. (Currently Amended) The ~~carrier~~ <u>computer accessible memory</u> medium of claim 15,

wherein said programmatically requesting the information regarding the interface of the graphical program comprises calling one or more methods or one or more functions to request the information regarding the interface of the graphical program.

23. (Currently Amended) The ~~carrier~~ <u>computer accessible memory</u> medium of claim 15,

wherein said programmatically requesting the information regarding the interface of the graphical program comprises programmatically sending a message to request the information regarding the interface of the graphical program.

24. (Currently Amended) A computer-implemented method comprising:

<u>utilizing a computer to perform:</u>

receiving a request for information regarding an interface of a graphical program<u>,</u> <u>wherein the information regarding the interface of the graphical program includes</u> <u>information for invoking execution of the graphical program</u>;

programmatically determining the information regarding the interface of the graphical program; and

returning the information regarding the interface of the graphical program.

25. (Currently Amended) A computer-implemented method comprising:

programmatically requesting information regarding an interface of a graphical program;

receiving information regarding the interface of the graphical program in response to the request, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

invoking execution of the graphical program according to the received information regarding the interface of the graphical program.

26. (Currently Amended) A computer-implemented method comprising:

a test executive application programmatically requesting information regarding an interface of a graphical program;

the test executive application receiving information regarding the interface of the graphical program in response to the request, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

the test executive application invoking execution of the graphical program according to the received information regarding the interface of the graphical program.

27. (Currently Amended) A system comprising:

a processor;

a memory coupled to the processor;

wherein the processor is operable to execute program instructions stored in the memory to:

receive a request for information regarding an interface of a graphical program;

programmatically determine the information regarding the interface of the graphical program, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

return the information regarding the interface of the graphical program.

28. (Currently Amended) A system comprising:

a processor;

a memory coupled to the processor;

wherein the processor is operable to execute program instructions stored in the memory to:

programmatically request information regarding an interface of a graphical program;

receive information regarding the interface of the graphical program in response to the request, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and

invoke execution of the graphical program according to the received information regarding the interface of the graphical program.